









Figure S1. Plots of dark current density vs. E_{corr} for compound **I**, **II**, and **IV – VIII**, as labeled, at high concentration ($[A] = 5.0 \text{ mM}$; filled circles) and low concentration ($[A] \approx 0.5 \text{ mM}$; open squares). As noted in the text, a decrease in $[A]$ should result in a shift of the J - E_{corr} curve according to $(k_B T/q) \ln([A]_{\text{high}}/[A]_{\text{low}})$. Potentials are referenced to SCE.